Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 23/06/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 18-06-21

Customer ID : Drain Bottom Slab Concrete (Vanshika Group Of Institution Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	16/06/2021	23/06/2021	149.79 X 149.60 X 150.30	22408	**8.512**	405.3	18.1	18.3
2	Drain Bottom Slab Concrete	M20	16/06/2021	23/06/2021	150.32 X 151.44 X 150.84	22765	**8.602**	413.4	18.2	
3	Drain Bottom Slab Concrete	M20	16/06/2021	23/06/2021	150.18 X 151.85 X 151.10	22805	**8.820**	427.4	18.7	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 14/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 18-06-21

Customer ID : Drain Bottom Slab Concrete (Vanshika Group Of Institution Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	16/06/2021	14/07/2021	151.28 X 150.44 X 149.64	22759	**8.626**	540.7	23.8	23.0
2	Drain Bottom Slab Concrete	M20	16/06/2021	14/07/2021	150.28 X 151.99 X 151.99	22841	**8.320**	507.8	22.2	
3	Drain Bottom Slab Concrete	M20	16/06/2021	14/07/2021	151.04 X 151.16 X 150.34	22832	**8.801**	526.7	23.1	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

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Quality Manager

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 23/06/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 18-06-21

Customer ID : Drain Bottom Slab Concrete (Vanshika Group Of Institution Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	16/06/2021	23/06/2021	150.37 X 151.92 X 150.47	22844	**8.512**	428.7	18.8	18.7
2	Drain Bottom Slab Concrete	M20	16/06/2021	23/06/2021	149.27 X 150.86 X 151.23	22518	**8.602**	420.5	18.7	
3	Drain Bottom Slab Concrete	M20	16/06/2021	23/06/2021	150.41 X 150.95 X 149.54	22704	**8.820**	426.8	18.8	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP/2021/05/16-03	Date: 14/07/2021
Project Name	:	Improvements to Roads and Drains in Kottigenahalli (Udaya), Chokkenahalli (Udaya), Thirumenahalli (Udaya), Jakkur (Udaya) and Rachenahalli(part) Nagena (Udaya) in Ward No.03 Improvements to Roads and Drains in Thirumenahalli (Udaya) in Ward No.03 (Jakkur) Byrasandra(part) Sub Division.	
Agency	:	M/s.A Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J.P Nagar, Bangalore-78	
Customer's Reference	:	EE/Projects/Vth Zone/BBMP/30/2020-21	
Date of Receipt	:	13/07/21	
Customer ID	:	Drain Bottom Slab Concrete (Chandika Group Cr Instruction Road)	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M20 / 28 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests fo Strength of Concrete (1.1	
Date of test	:	14/07/2021	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(kN)	(N/mm²)	(N/mm²)
1	Drain Bottom Slab Concrete	M20	15/06/2021	14/07/2021	149.89 X 150.05 X 149.76	22491	8.626	533.6	23.7	23.2
2	Drain Bottom Slab Concrete	M20	15/06/2021	14/07/2021	149.74 X 149.93 X 150.02	22460	8.520	512.4	23.0	
3	Drain Bottom Slab Concrete	M20	15/06/2021	14/07/2021	150.00 X 150.05 X 149.68	22508	8.604	530.0	23.4	

* The results obtained are satisfactory as per standard requirements.

For CIVIL Pro.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 30/06/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 25-06-21

Customer ID : Drain Side Wall Concrete (Radhakrishna Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	149.08 X 150.11 X 150.91	22379	**8.512**	408.6	18.3	18.5
2	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	149.74 X 149.47 X 150.63	22381	**8.602**	410.6	18.3	
3	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	149.39 X 151.87 X 151.59	22688	**8.820**	426.5	18.8	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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Quality Manager

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/07/2021

Lab ID : **CP-2021-02-16-33**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05
Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur)
Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 25-06-21

Customer ID : Drain Side Wall Concrete (Radhakrishna Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	23/06/2021	21/07/2021	151.03 X 151.98 X 150.09	22953	**8.626**	533.0	23.2	23.3
2	Drain Side Wall Concrete	M20	23/06/2021	21/07/2021	151.50 X 150.29 X 149.95	22769	**8.320**	521.2	22.9	
3	Drain Side Wall Concrete	M20	23/06/2021	21/07/2021	151.89 X 151.69 X 149.62	23041	**8.801**	545.0	23.7	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 30/06/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 25-06-21

Customer ID : Drain Side Wall Concrete (Radhakrishna Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	151.35 X 150.19 X 150.15	22731	**8.512**	421.3	18.5	18.5
2	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	151.25 X 150.52 X 151.85	22766	**8.602**	427.9	18.8	
3	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	150.08 X 150.20 X 149.92	22542	**8.820**	412.1	18.3	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 21/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 25-06-21

Customer ID : Drain Side Wall Concrete (Radhakrishna Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	23/06/2021	21/07/2021	149.71 X 150.70 X 149.79	22560	**8.626**	527.7	23.4	22.9
2	Drain Side Wall Concrete	M20	23/06/2021	21/07/2021	151.44 X 151.63 X 151.13	22964	**8.320**	512.5	22.3	
3	Drain Side Wall Concrete	M20	23/06/2021	21/07/2021	150.01 X 150.21 X 150.30	22534	**8.801**	521.3	23.1	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 30/06/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 25-06-21

Customer ID : Drain Side Wall Concrete (Radhakrishna Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	151.52 X 150.64 X 151.38	22826	**8.512**	411.9	18.0	18.6
2	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	151.72 X 149.28 X 149.29	22648	**8.602**	425.6	18.8	
3	Drain Side Wall Concrete	M20	23/06/2021	30/06/2021	149.88 X 151.16 X 151.65	22656	**8.820**	429.4	19.0	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID:

Date: 31/07/2021

Project Name	:	Improvements to Roads and Drains at Kamgondahalli Colony, Chokkanahalli Colony, Thimmenahalli Colony, Jakkur Colony and Ramalingappa Hegade Colony in Ward No:03
		Improvements to Roads and Drains at Thimmenahalli Colony in Ward No:03 (Jakkur) Remaining(Balance) Sub Division
Agency	:	Sri.S. Dileep Kumar, No.38, 8th Cross, Sunrise Layout, 7th Phase, J P Nagar, Bangalore-78
Customer's Reference	:	DE/Projects/Vth Zone/Work/No/2020-21
Date of Receipt	:	23-06-21
Customer ID	:	Drain Side Wall Concrete (Kodhandarama Temple Road)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 / 1959 Methods of Tests for Strength of Concrete (15
Date of test	:	21/07/2021

Sl No	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (kN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M30	23/06/2021	21/07/2021	149.13 N 151.00 N 151.66	22519	8.638	516.0	23.0	23.1
2	Drain Side Wall Concrete	M30	23/06/2021	21/07/2021	151.71 N 150.00 N 150.51	22757	8.530	503.9	23.1	
3	Drain Side Wall Concrete	M30	23/06/2021	21/07/2021	149.13 N 149.99 N 151.63	22553	8.801	521.4	23.4	

* The results obtained are satisfactory as per standard requirements

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 03/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 28-06-21

Customer ID : Drain Side Wall Concrete(1st Cross Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 03/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	26/06/2021	03/07/2021	151.87 X 151.48 X 151.11	23005	**8.512**	433.8	18.9	18.6
2	Drain Side Wall Concrete	M20	26/06/2021	03/07/2021	150.93 X 150.48 X 151.20	22712	**8.602**	425.9	18.8	
3	Drain Side Wall Concrete	M20	26/06/2021	03/07/2021	151.16 X 151.52 X 149.05	22903	**8.820**	413.8	18.1	

* The results obtained are satisfactory as per standard requirements.

29.06.21

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R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 24/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur)
Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 28-06-21

Customer ID : Drain Side Wall Concrete(1st Cross Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Drain Side Wall Concrete	M20	26/06/2021	24/07/2021	150.09 X 149.57 X 149.07	22448	**8.626**	521.3	23.2	22.9
2	Drain Side Wall Concrete	M20	26/06/2021	24/07/2021	149.99 X 150.35 X 151.98	22551	**8.320**	503.5	22.3	
3	Drain Side Wall Concrete	M20	26/06/2021	24/07/2021	150.22 X 149.65 X 151.56	22480	**8.801**	521.0	23.2	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 03/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 28-06-21

Customer ID : Drain Side Wall Concrete(Thirumenahalli Main Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 03/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	26/06/2021	03/07/2021	151.08 X 150.27 X 151.84	22703	**8.512**	431.3	19.0	18.5
2	Drain Side Wall Concrete	M20	26/06/2021	03/07/2021	150.69 X 150.03 X 150.30	22608	**8.602**	413.1	18.3	
3	Drain Side Wall Concrete	M20	26/06/2021	03/07/2021	150.61 X 151.30 X 149.29	22788	**8.820**	413.9	18.2	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-05-16-33 Date: 16/07/2021

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony , Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Rameshappa Nagara Colony in Ward No:03

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No:03 (Jakkur) By-campaign& Sub Division

Agency : Sri.S. Dileep Kumar, No.38, 8th Cross, Suncity Layout, 5th Phase, J.P Nagar, Bangalore-78

Customer's Reference : EE/Project/Vol. Zone/WO/190/2020-21

Date of Receipt : 29-06-21

Customer ID : Drain Side Wall Concrete(Thirumenahalli Main Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete (13

Date of test : 24/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq mm)	(kg)	(kN)	(N/mm^2)	(N/mm^2)
1	Drain Side Wall Concrete	M30	31/06/2021	28/07/2021	151.93 X 149.69 X 149.80	22613	8.638	537.5	33.3	33.1
2	Drain Side Wall Concrete	M30	31/06/2021	28/07/2021	149.91 X 149.11 X 151.08	22352	8.350	510.5	32.8	
3	Drain Side Wall Concrete	M30	31/06/2021	28/07/2021	150.08 X 151.50 X 149.83	22764	8.801	538.5	33.2	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 07/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 02-07-21

Customer ID : Drain Side Wall Concrete (Main Road Connecting Agrahara Village)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	30/06/2021	07/07/2021	150.24 X 149.69 X 151.60	22489	**8.512**	425.2	18.9	18.7
2	Drain Side Wall Concrete	M20	30/06/2021	07/07/2021	151.77 X 149.08 X 150.55	22625	**8.602**	423.0	18.7	
3	Drain Side Wall Concrete	M20	30/06/2021	07/07/2021	149.51 X 150.58 X 149.05	22513	**8.820**	417.4	18.5	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 28/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dilesp Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 02-07-21

Customer ID : Drain Side Wall Concrete (Main Road Connecting Agrahara Village)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Drain Side Wall Concrete	M20	30/06/2021	28/07/2021	150.67 X 151.75 X 150.76	22864	**8.626**	538.0	23.5	23.2
2	Drain Side Wall Concrete	M20	30/06/2021	28/07/2021	149.74 X 151.35 X 151.96	22663	**8.320**	501.4	22.1	
3	Drain Side Wall Concrete	M20	30/06/2021	28/07/2021	150.96 X 149.55 X 150.20	22576	**8.801**	540.7	24.0	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 07/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 02-07-21

Customer ID : Drain Side Wall Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	30/06/2021	07/07/2021	149.62 X 151.70 X 150.78	22698	**8.512**	420.7	18.5	18.5
2	Drain Side Wall Concrete	M20	30/06/2021	07/07/2021	150.41 X 150.00 X 149.65	22563	**8.602**	412.7	18.3	
3	Drain Side Wall Concrete	M20	30/06/2021	07/07/2021	150.90 X 150.79 X 150.80	22755	**8.820**	423.4	18.6	

* The results obtained are satisfactory as per standard requirements.

20-07-21

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 28/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur)
Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 02-07-21

Customer ID : Drain Side Wall Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	30/06/2021	28/07/2021	151.89 X 150.43 X 149.57	22849	**8.626**	543.8	23.8	23.4
2	Drain Side Wall Concrete	M20	30/06/2021	28/07/2021	149.18 X 151.08 X 149.97	22538	**8.320**	510.0	22.6	
3	Drain Side Wall Concrete	M20	30/06/2021	28/07/2021	149.43 X 150.29 X 149.80	22458	**8.801**	535.9	23.9	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 17/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 12-07-21

Customer ID : Culvert Bottom Slab Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Culvert Bottom Slab Concrete	M20	10/07/2021	17/07/2021	150.14 X 149.17 X 150.28	22397	**8.512**	417.9	18.7	18.5
2	Culvert Bottom Slab Concrete	M20	10/07/2021	17/07/2021	150.81 X 150.10 X 149.75	22637	**8.602**	416.3	18.4	
3	Culvert Bottom Slab Concrete	M20	10/07/2021	17/07/2021	151.10 X 151.18 X 149.96	22843	**8.820**	418.9	18.3	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date:** 07/08/2021

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 8th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Yuk Zone/WO/150/2020-21

Date of Receipt : 12-07-21

Customer ID : Culvert Bottom Slab Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	150.79 X 150.69 X 150.97	22721	8.626	527.7	23.2	22.9
2	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	151.96 X 151.29 X 150.25	22989	8.820	517.5	22.5	
3	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	150.90 X 150.38 X 151.23	22677	8.801	521.8	23.0	

* The results obtained are satisfactory as per standard requirements.

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